## Illinois

# Rural Electric News



Mrs. Jackson applies finishing touches to ceramics which she molded from clay on her potter's wheel.

## At last . . an electrified

## potter's wheel

The ancient Egyptians would marvel at what rural electricity is doing to improve one of their inventions—the potter's wheel. Mrs. Charles Jackson of Salem has added an electric motor to supplant foot power for spinning the disc on which circular pottery is shaped.

The wheel, as developed by early man pivoted on a central point and was set in motion by hand. The Egyptians introduced the foot wheel, which freed the potter's hands for the delicate job of forming the clay. But, it remained for modern man to make the wheel entirely free of human power. Electricity did the trick.

Says Mrs. Jackson, who became proficient in the use of the wheel after a year's study at a university in Washington, D.C., "The wheel is still the only

way I know of to make the delicate lines of a bowl or a vase standout." Most women who take up ceramics as a hobby are content to purchase pottery pre-shaped, or shape it themselves in molds.

Mrs. Jackson, on the other hand, thinks of her hobby as a creative art, and enjoys it more by starting her ceramic pieces from lumps of clay. And though she has attached an electric motor to the wheel, she says she did it only to relieve her foot when it gets tired.

Because ceramics is a rather expensive hobby, Mrs. Jackson sells some of her products to help pay her expenses. She has turned the living room of her home into an art craft shop. She uses her garage as a workroom. She is a member of Tri-County Electric Cooperative of Mt. Vernon.



Technique of using potter's wheel took Mrs. Jackson a year of study and practice to learn.

Read by over 430,000 rural electric co-op folks!

Taxpayers learn
they are to
foot bill for
power company's
small dams

With the recent sensational revelation that the Idaho Power Company has been granted a subsidy amounting to \$329-million to build two small dams on the Snake River, the prospects of a high, Federal Hells Canyon dam brightened considerably.

Congress is presently considering legislation to authorize the High Dam, which would cost \$308.5-million.

When the Idaho Power Company applied to the Federal Power Commission for licenses to build two small dams on the Snake River, Company Attorney R. P. Parry said that it would construct the dams "without one cent of cost to taxpayers of the United States."

The power companies of the nation boasted of this in their million-dollar advertising campaign. In one of their ads, which appeared in the Saturday Evening Post of May 26, 1956, it was stated:

"America's more than 400 independent electric light and power companies . . . don't have to wait for an act of Congress or for tax money from the Treasury." The ad went on to tell the public that the Idaho Power Company, "will save you and your fellow taxpayers \$465-million" by

constructing its projects instead of the high Federal Hells Canyon dam.

These claims proved to be untrue. The Idaho Power Company's application for tax subsidy was approved by the Office of Defense Mobilization last week in the form of rapid tax writeoffs amounting to an interest free loan of \$30.5-million. When this sum is projected over the 50-year, normal life of the dams, the accumulated return will total \$329.5-million, or three times the cost of the two small dams the Idaho Power Company proposes to build.

Proponents of the high Hells Canyon dam point out that its cost of \$308-million would be repaid to the U. S. Treasury with interest, eliminating any subsidy. They also stress that the one high dam would produce twice as much electricity as the Idaho Company's two small dams, at a cost of 2.7 mills per kilowatt-hour to the consumer as compared to 6.69 mills per kilowatt-hour for electricity from the power company's two smaller projects.

In addition, the High Dam would provide maximum flood control, and would furnish abundant, low cost electricity to develop the vast, lowgrade phosphate deposits in Idaho, which will mean large savings to western and midwestern farmers in phosphate fertilizer charges.

Whether this great dam site in Hells Canyon will be developed piecemeal by the Idaho Power Company with a subsidy from the taxpayers, or whether it will be fully developed without subsidy by the Federal government, is a question that only Congress can now decide.

As even the most casual reader of the Illinois Rural Electric News must have observed, we are slightly biased when it comes to electric and gas appliances. Since our purchase of a gas powered lawn mower three Springs ago, this prejudice has increased in intensity. But even if we had not thought electricity superior to gas, our power mower would have convinced us that it was.

We have made many mistakes in our life, but few have cost us such mental anguish as the one we made the day we let the young, persuasive "expert" at Sears, talk us into owning a reel-type, gas engine, power mower.

We recall that it was a hot April day and all the neighbors were out put-putting through their lawns. It sounded like a motor boat race. We were struggling through six-inch rye grass with a 12-inch hand mower. After a few hours of perspiring effort, there still remained ½ acre of six-inch forage to harvest. Realizing that we were running out of manpower, it became obvious that the battle of lawn would be won either by investing in a flock of sheep or a power mower. My wife voted against sheep, so we ended up doing business with Sears.

As we look back, we are convinced that sheep would have been the happier decision. Of course, if they had proved as fickle, unreliable and downright uncooperative as the power mower has ever since the day the guarantee expired, we would now be eating lamb chops and knitting wool sweaters.

### TROUBLE, TROUBLE

Next to plumbing trouble, power mower trouble seems to us the most vexing. Because of the unusual design of our particular model, plus the fact that our mechanical ability does not extend much beyond being able to empty the car ashtray, we now have a dandy Sunbeam Electric mower, and a large "For Sale" sign on that temperamental gas engine, grass clipper.

No longer can my oldest boy look us straight in the eye when we return from our travels on a Friday evening and say with childish innocence: "Sorry, Dad, but I couldn't cut the grass. The mower wouldn't start."

Yet there were days when on the tenth or eleventh try our gas grass cutter would come to life in a burst of explosive vibrations giving one to think it could not wait to devour the lawn. Then after a few passes up and down the front yard, it would cough consumptively and die.

On days that its consumption wasn't bothering it, usually when the

grass was wet, the V-belts lost their traction and a two-inch dandelion would bring the reel to a halt. But there was a six-weeks period when the mower kept up with the grass. That was two summers ago when it didn't rain from July until the middle of August.

### **BRINGS OUT BEAST**

There's nothing like a lawn mower that won't mow, to bring out the beast in man. We have often watched with interest and amazement our neighbors up and down the block struggling in the broiling sun with their machines, after we had given up with disgust trying to get ours to work.

Some of the most gentle among them would become red-faced with indignation and you would not believe that their vocabularies contained such a colorful variety of epithets as you would hear them direct at their idle machines, which refused to turn over after dozens of vicious tugs on the starting cord.

So civilization marches on. Man has invented the power mower and points to it as a great step forward in the progress of humanity. But the ghosts of the Indians whose dust and bones are now a part of the soil on which the American homeowners' grass grows, wonders how things got into such a sorry state that the poor husband spends a warm summer afternoon with a noisy grass cutting contraption, instead of roaming through cool woods in search of game, or relaxing on the banks of a bubbling brook.

Well, that's all for now. It's Saturday afternoon and we must get back to the grass. We look forward to the job with complete confidence, knowing that our nifty, one horsepower, electric mower will start at the flip of a switch.

### WE'LL DEMONSTRATE

We'll show you. First plug in the cord. Then flip the switch on the mower handle. See? The mower is ready for action—no fuss, no lost tempers, no rope pulling contests. And observe how well it cuts the grass. Oops! What happened? Pardon us, our wife is shouting something from the kitchen window. "The electric cord?" So we did. "All right, dear, we'll tell our readers."

My wife wishes us to emphasize, as she has just pointed out to us again this week, that electric mowers should be used exclusively for cutting grass, not cords.

If only some co-op power use adviser would perfect a cordless mower. Then, even those Indian ghosts might stop laughing.

## Washington Report

by William S. Roberts

A new tactic has been found for attacking REA's two per cent interest rate—the rate farmers' electric co-ops pay the government on all their loans.

Reserve funds which rural electrics must set aside to pay off their REA loans and to protect their consumers against storm and other disasters are being exaggerated by foes of the rural electrification program. Purpose of this is to picture rural electrics as abusing their rights to low-cost financing.

Most rural electric systems have actually repaid some of their REA loans ahead of schedule, to avoid accumulating any unnecessary or excessive reserve funds. Their reserves are only a pittance compared with the billion - dollar reserves profit utilities accumulate as a sound method of business practice.

### Propaganda Implies

Power company propaganda has been carried so far as to imply the electric co-ops have improperly used reserves to build their own national headquarters building in Washington.

The facts are that less than 400 systems have invested an average of \$2,000 in building bonds to provide offices in Washington to house their National staff. Provision is made that the bonds can be redeemed if needed, but the amount is so small, compared with the \$3-billion investment in rural electric systems, that this provision is more desirable than necessary.

There is no secret about the fact

that the multiplicity of power company "educational," lobbying and propaganda organizations are spending \$50-million a year to attack Federal power and rural electrification programs.

The new interest rate tactic is to make it appear that the accumulation of any reserves by rural electrics is a sign they will not be hurt by higher interest charges. It ignores the fact that the absence of these reserves would make the REA lending program an extremely precarious financial undertaking for the Federal government.

### Attacks REA

Rep. Frank Becker (N. Y.) made an abortive attempt last month to destroy the rural electrification and telephone programs. Although Becker said that he had no intention of "stultifying" any rural area that needed electricity, he proposed to delete all REA authorizations from the fiscal 1958 budget.

Ostensibly, Becker wanted to increase REA's two per cent interest rate before the House approved loan authorizations for the ensuing year. However in his attack on REA, he made no interim provision for conducting REA's lending programs and made no justification for striking the loan authorizations from this year's budget.

REA borrowers' need for loan funds is at the second highest peak

(Continued on Page Seven)



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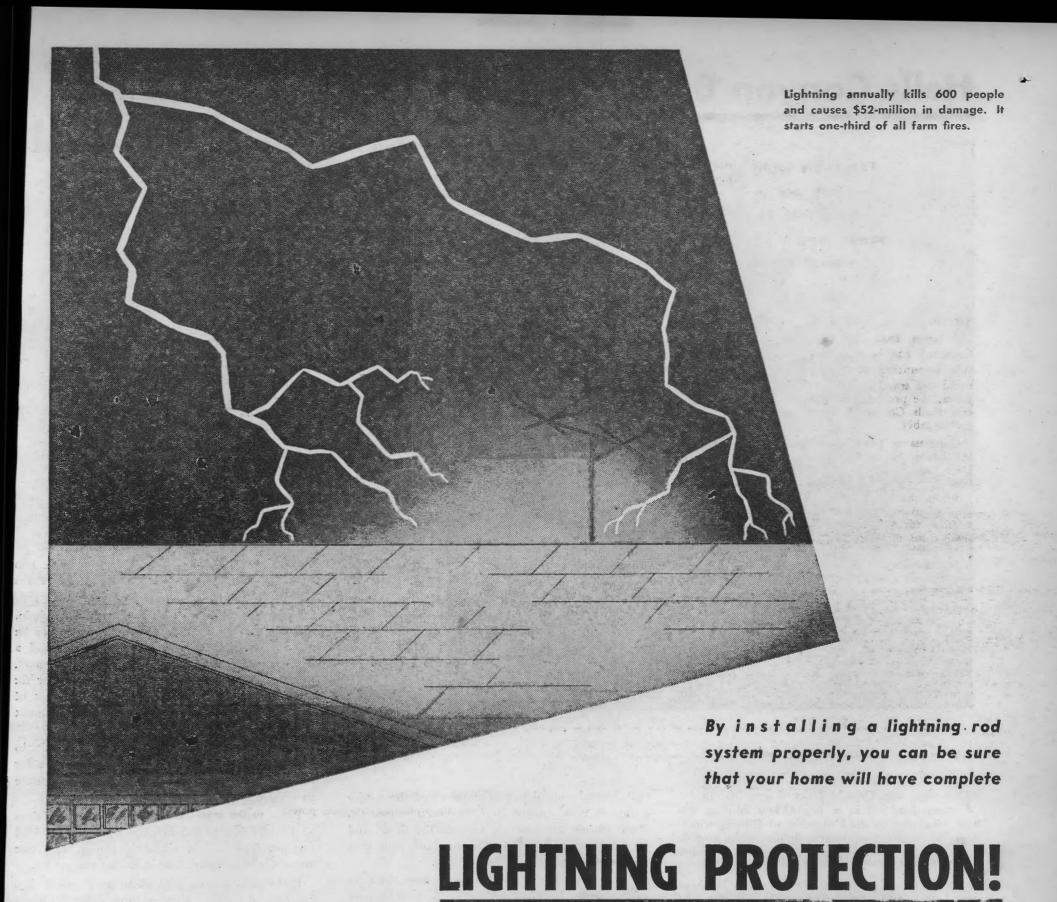
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Lightning is nature's most violent and unpredictable phenomenon. Its annual toll, according to the Lightning Protection Institute of Minneapolis, is 600 persons killed, thousands injured, and more than \$52,000,000 property damage. Estimates of unreported losses double the latter figure. These are based on known figures pegging lightning as the biggest single fire hazard in

Fortunately, lightning can be controlled. With a properly installed and grounded lightning rod system, your home and the family and possessions in it are perfectly safe. No building thus protected has ever been struck.

Deciding whether or not to include lightning protection is pretty much akin to deciding on any form of insurance. You either play safe, or take a chance. However, insurance rates on a protected house are normally 12 per cent lower, and a "rodding" system may, over the years, completely amortize its cost in premium savings.

Your House is Potential Target

If you build a house in the average location, you erect a potential target for about 40 electrical storms per year. Your house may never be struck, of course. But then again it may be hit two times within minutes. Homes in the suburbs and in the country need protection most. Of all farm fires, 37 per cent are started by lightning, and a large share of forest fires begin this way. When woods and barns are replaced by housing, the homes become the targets.

Lightning is the result of two opposite electrical charges leaping across space to be together. When storm clouds gather, they amass tremendous charges. of electricity, thought to be negative. At the same time, an equal number of positive charges build up at the point where they will be handiest for a meeting with their opposites in the sky.

Normally, these ground charges congregate

around the tallest object in the area. This object may very well be your house, particularly if it has a television aerial atop the roof. Or it may be a tree next to the house, or a power or telephone

When the pressure of the opposite charges straining to meet each other becomes strong enough, they leap across the barrier of non-conducting air between and collide with a terrific explosion. The core of the lightning bolt is about 3/4-inch thick and contains millions of volts of potential and thousands of amperes of current. Around the core is a 4-inch thick channel of terrifically-heated air. The accompanying thunderclap is caused by heating, ionizing and exploding of air molecules.

### Can Demolish a House

A lightning bolt can demolish a house, or it may be content to merely knock a hole in the chimney, rip a channel through roofing or siding, knock out the electrical system, wreck the television set, or start a fire. It can do freakish things like first hitting a tree and then the house, or hitting a neighboring house, and then ploughing a furrow to your house, punching a hole in the basement wall and grounding itself through your

What the lightning bolt is seeking, actually, is the easiest route between a cloud and a damp spot in the ground. And that is the principle upon which a protection system is designed. Properly grounded metal rods provide this easy path. Here are the elements of a properly-designed system:

Air terminals or rods should be located on all prominent parts of the house. They should extend at least 10 inches above ridges, chimneys, dormers, cupolas, and other projections, and spaced not more than 20 feet apart. Each rod must be connected to cables so that it has two paths to the ground.

There should be at least two ground-copper cable, galvanized steel rods, or copper-clad steel rods—extending 10 feet into permanently moist ground. The grounds should be at least two feet away from the foundation wall.

Television antennas must be connected to grounds, too, and be equipped with lightning arrester. Water pipes or well casings leading into the house should be connected, and the wiring system should have protective devices.

Earlier lightning rods were tall and often had colored glass balls to dress them up a bit. Today the emphasis has reversed, and manufacturers and installers go all-out for concealment. A semi-concealed system has low air terminals that are barely visible and inconspicuous conductors. A fully con cealed system is installed during construction, with only the neutral-colored 10-inch-high points showing. Thus, a lightning protection system does not detract from the appearance of a home.

Vital Points to Remember

There are some vital points to remember in choosing and installing lightning rods. First, it is not a do-it-yourself task; only an expert should be trusted. Secondly, Underwriters' Laboratories has an inexpensive inspection service for protection of homeowners. Systems that pass the inspector's critical eye are tagged with a "Master Label" plate and it is necessary to have this label to be eligible for lower insurance rates.

Finally, alterations or changes in the house construction may make the protection system ineffective in part. The system should always be rechecked when such work is done.

Full information on this vital subject is offered free by the Lightning Protection Institute, 616 North 41st Avenue, Minneapolis 12, Minne-



Pushing buttons is about all the physical work Donald Parks of near Milton does in preparing livestock feed.

Two years ago, Donald Parks of near Milton, invested \$2,000 in a Feed-O-Mat feeding system developed by the University of Illinois, which includes metering equipment, hammermill, augers, blenders, all operated electrically and controlled by time clocks.

The pushbutton feeding setup enables Parks to grind, mix, and store between 600 and 700 tons of feed a year, by merely pushing buttons. There's no hand labor involved. Besides, it eliminates the need of an extra hired hand on the Parks' farm.

"That in itself is enough saved to pay for the investment," Parks points out. But additional savings are provided by enabling him to grind his own feed. Parks claims it used to cost him over \$5 a ton to have the feed prepared in town. Now, for 12 cents worth of electricity, he does the job himself, without having to leave his place.

The Pike County farmer feeds from 100 to 125 head of beef cattle a year. In addition, he has from 100 to 120 sows farrow twice a year. He also farms 690 acres with his father, brother-in-law, and one hired man.

Parks says he got interested in the revolutionary feeding system when he attended his electric co-op's annual meeting two years ago. One was on display there and he liked it. He is a member of Illinois Rural Electric Company of Winchester.

Parks purchased the equipment in May of 1955. He incorporated it into his existing barn, as much as possible. He put in overhead bins above the driveway for oats and shelled corn, and a bin above the mill for ear corn. Each of the bins holds 350 bushels.

Six other bins were installed to hold supplements like alfalfa meal, meat scraps, vitamin mixture, etc. These bins are located slightly above the mill in the old corn crib section of the barn.

In order to store the grain and supplements automatically, Parks installed a pit in the driveway, in which a drag chain was laid. This chain carries the grain and mixtures to an auger which elevates them to the top of the barn, from where they are gravity-fed into the proper bins.

A central control box operates all of the equipment. A time control clock makes it automatic. Parks can set the controls, turn on the timer, and go about other business. The machines will shut themselves off.

"One thing about this system is that it doesn't care whether it works day or night. I often turn it on just before I go in for supper, then forget about it."

Here's how the system operates:

After the grain and supplements are stored, they are carried out of the bins with drag chains, located in the bottoms. These chains carry the ingredients to chutes which funnel into the mill. Once ground and mixed, the feed mixture is

blown into a holding bin. This bin holds two tons. "It takes just two hours to fill it," Parks

An investment

that's

really

paying off!

Hinged gates on the front of each drag chain, meter the amount of grain or supplement to be mixed. To find the correct ration, Parks did a little experimenting. He closed all of the gates, then opened them one at a time and ran for six minutes, after which he weighed the amount of ingredient ground. He then figured this amount for an hour's grinding.

By putting all of his figures on a graph, Parks arrived at the correct openings of each gate for his desired feed mixture. He claims it is accurate to within 10 pounds.

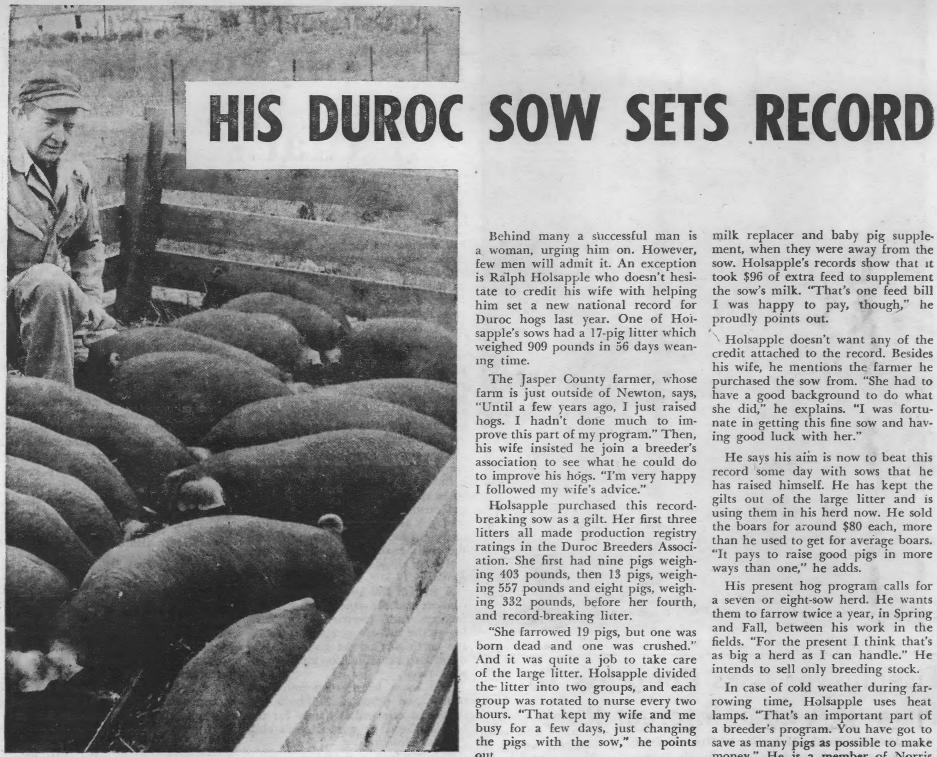
Parks built this feeding system for less than \$2,000. He has \$1,000 invested in the mill, \$500 for blenders, timers, six drag chains, and one auger. He has around \$200 in motors and augers.

Parks grinds cattle feed about every other day. He feeds it from a self-unloading wagon which is filled from the storage bin with an electric auger. "I don't intend to do any scooping." Hog feed is ground when needed.

Parks also believes by grinding his own feed he can get better efficiency in growth. "I tried a readymixed brand, but I wasn't satisfied with the results. Every farmer has his own idea about feed," Parks adds.



From storage bin to selfunloading wagon, Parks' grain is electrically augered. Hand labor has been eliminated.



Ralph Holsapple and record-breaking 17-pig litter that weighed over 900 pounds after 56 days.

a woman, urging him on. However, few men will admit it. An exception is Ralph Holsapple who doesn't hesitate to credit his wife with helping him set a new national record for Duroc hogs last year. One of Hoisapple's sows had a 17-pig litter which weighed 909 pounds in 56 days weaning time.

The Jasper County farmer, whose farm is just outside of Newton, says, "Until a few years ago, I just raised hogs. I hadn't done much to improve this part of my program." Then, his wife insisted he join a breeder's association to see what he could do to improve his hogs. "I'm very happy I followed my wife's advice."

Holsapple purchased this recordbreaking sow as a gilt. Her first three litters all made production registry ratings in the Duroc Breeders Association. She first had nine pigs weighing 403 pounds, then 13 pigs, weighing 557 pounds and eight pigs, weighing 332 pounds, before her fourth, and record-breaking litter.

"She farrowed 19 pigs, but one was born dead and one was crushed." And it was quite a job to take care of the large litter. Holsapple divided the litter into two groups, and each group was rotated to nurse every two hours. "That kept my wife and me busy for a few days, just changing the pigs with the sow," he points

The pigs were also fed a commercial Electric Cooperative of Newton.

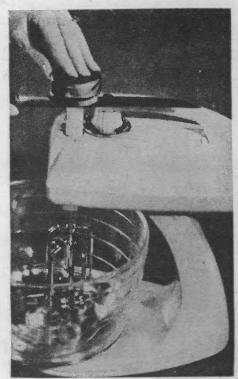
Behind many a successful man is milk replacer and baby pig supplement, when they were away from the sow. Holsapple's records show that it took \$96 of extra feed to supplement the sow's milk. "That's one feed bill I was happy to pay, though," he proudly points out.

> Holsapple doesn't want any of the credit attached to the record. Besides his wife, he mentions the farmer he purchased the sow from. "She had to have a good background to do what she did," he explains. "I was fortunate in getting this fine sow and having good luck with her."

> He says his aim is now to beat this record some day with sows that he has raised himself. He has kept the gilts out of the large litter and is using them in his herd now. He sold the boars for around \$80 each, more than he used to get for average boars. "It pays to raise good pigs in more ways than one," he adds.

> His present hog program calls for a seven or eight-sow herd. He wants them to farrow twice a year, in Spring and Fall, between his work in the fields. "For the present I think that's as big a herd as I can handle." He intends to sell only breeding stock.

> In case of cold weather during farrowing time, Holsapple uses heat lamps. "That's an important part of a breeder's program. You have got to save as many pigs as possible to make money." He is a member of Norris



### KNIFE SHARPENER

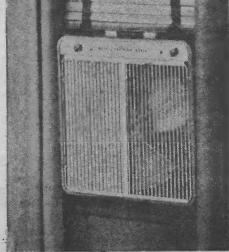
Keeping those kitchen knives sharp is an easy job with this standard-equipment accessory for the new Westinghouse combination food mixer. The sharpener fits in a power socket atop the mixer. The blade needs no special honing or dressing. A juicer attachment also is standard equipment. It fits in the same power socket. The mixer is available at Westinghouse dealers.

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# What's New?

### WINDOW FAN

A choice of draft-free air diffusion, or air direction is offered by this new 20 inch Direct-Aire window fan. Fingertip, adjustable aluminum louvres permit control of air flow and also add privacy and the beauty of a venetian blind. The fan also has a three-speed electrical reverse switch, automatic thermostatic temperature control, and an automatic guide light. The fan is made by Markel Electric Products, Inc., Buffalo 3, N. Y.

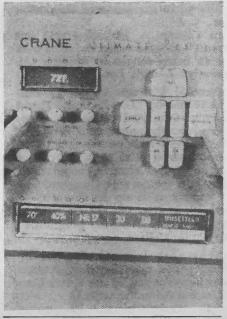


### SMALL GENERATOR

Here's a small portable electric generator for operating power tools anywhere on the farm. This generator weighs just 90 pounds, yet it delivers 1500 watts of 60 cycle AC, 115volt current. It is equipped with four outlets. The generator is powered by a single-cylinder, two-cycle engine. It can also be used to provide some standby power in emergencies, especially for lighting. It was developed by the Homelite Company of Port Chester, New York. It retails for \$350 f.o.b., Port Chester.

### CLIMATE CENTER

For the home of the future, this climate center has been especially designed, and will be installed in a plastic home now under construction at Disneyland, Anaheim, Calif. This eight-by-eight-inch panel, installed in the kitchen gives tomorrow's family complete information and control of interior climate for each room. Also included are controls to purify the air, remove odors, add any of four scents, and control circulation. At bottom of the panel is a complete outside weather picture. The unit is being manufactured by the Crane Company and is not yet on the



June, 1957 Illinois Rural Electric News



Mrs. Gene Rigsby of Cave-in-Rock is proud of her new kitchen. Surface range units are built into the counter top of the cabinets. Her youngest son Keith, 2, watches his mother.

## Eisenhower Asks Congress To Hike REA Loan Interest Rate

An Administration move to increase interest rates on government loans was aimed at the rural electrification program, according to a recent White House announcement. It evidently stemmed from a protest raised by the Indiana state government against a generation and transmission loan application sought by nine rural electric cooperatives of that state. Indiana's governor Howard W. Handley sent his Public Service Commission members to see Agriculture Secretary Ezra T. Benson about the loan.

National Rural Electric Cooperation Association immediately issued statements defending the right of REA to make such loans, and denied that there is any justification for raising REA's interest rates.

Drafting Bill

President Eisenhower announced that the Administration is drafting a bill to forbid all government lending agencies from making loans "at less than the interest rate paid by the Treasury on its borrowings."

The announcement said Republican leaders were discussing REA loan policy when the proposed legislation was "mentioned by Eisenhower." Rep. Charles A. Halleck (Ind.) was reported to have raised the issue over a loan being sought by Hoosier Cooperative Energy, Inc.

General Manager Clyde T. Ellis told reporters, "The National Rural Electric Cooperative Association is unequivocably opposed to President Eisenhower's recommendation to increase interest rates to farmer-owned and controlled electric cooperatives. REA is a creature of Congress, and we believe it is up to Congress to establish interest rates in the light of the benefits of the loan program to the public welfare.

"The alleged justification for increasing the two per cent interest rates now charged by the Rural Electrification Administration is one artificially created by the Eisenhower

An Administration move to inrease interest rates on government ans was aimed at the rural electrifition program, according to a recent White House announcement. It evi-

The annual report of the REA Administrator David A. Hamil for fiscal 1956 stated that the government has accrued a net profit totaling \$48-million from REA lending operations since the inception of the program 22 years ago. This is due to the co-ops paying more than the cost of money to government.

Borrowed \$3-Billion

Rural electric cooperatives have borrowed \$3-billion from REA, and have achieved one of the finest repayment records in the history of American financing. As of March 31, 1957, the rural electric cooperatives had repaid \$450,241,415 of principal and had paid \$275,347,019 in interest on their loans.

In addition, rural electric cooperatives have paid \$104.7-million in advance of their amortization schedules. Moreover, the total amount delinquent is less than 1/12 of one per cent of all the money loaned to farmers, approximately \$178,000.

The government has never lost a dime on a loan to an electric co-op, Ellis said, but it will if this is done.

In the face of this, Ellis declared, "The average cost of money to the Treasury has been increased from 1.9 per cent in 1948 to an average of 2.7 per cent last February—not 3.5 per cent as Senator Styles Bridges (N. Hamp.) claimed in the White Hause announcement—and it is still rising as a result of banker-dictated hard money policies.

"The Administration's hard money, high interest policies are inflationary and destructive to small business and farmers, consumers, home builders and purchasers, and are increasing the cost of government, preventing the construction of needed schools and hospitals, and have increased the Federal interest burden by over \$700-million each year."

## Modern, Rural Home

Mr. and Mrs. Rigsby's six-room, ranch-type house symbolizes ultimate in up-to-date country living

The attractive, Bedford stone ranchtype house, which sits high on a hill overlooking the little Ohio River community of Cave-in-Rock in Hardin County, symbolizes the ultimate in modern country living. It is the home of Mr. and Mrs. Gene Rigsby and their two sons, Chris 5, and Keith, 2.

And, as might be expected of a truly up-to-date rural home, electricity plays a vital role. The Rigsbys depend upon their co-op power—from Southeastern Illinois Electric—not only to run a host of electric appliances, but also to heat and cool the three-bedroom house.

The young couple installed electric heating cables in the ceilings of each room of the six-room house when they built it last fall. A threeton central air conditioner provides cool, dry air through ducts to ceiling outlets in each room. Thermostats on the walls enable the couple to control the inside temperature yearround.

A tour of the house illustrates the comfort and convenience afforded by modern, rural electric living. Starting at the two-car garage, located on the north side of the house, a door opens into a combination laundry and work room.

The room features an automatic washer and dryer. A half-bath and shower at one end is handy for the busy husband, or mud-smeared children to clean up.

Features Built-ins

Next to this room is the kitchen with its pink cabinets, built-in oven, and table-top electric surface units. The kitchen area is arranged in the shape of a U around a stainless steel kitchen sink. A large picture window

gives a full view of the spacious backyard, allowing Mrs. Rigsby to keep an eye on her youngsters at play.

A counter opens out into a family dining and recreation room, where the family often relaxes. The Rigsbys plan to build a concrete patio behind this room, where they can enjoy outdoor living as well.

A long, wide hall leads from the family room to the three bedrooms and bath on the south side of the house. A large, ceiling-to-floor, linen closet occupies the far end of the hall. Each bedroom has a full-wall closet, which is cedar-lined, and has sliding doors. Also windows on one outside wall of these rooms are located high, permitting Mrs. Rigsby more room for spacing furniture.

The bath, with ceramic tile floor, and walls, has a large built-in dressing table with fluorescent lighting. Mrs. Rigsby also had a clothes hamper built into the small towel closet in this room.

Attractive Living Room

The living-room, in the front of the house has one large picture window, which provides a landscaping view of the small river town. A five-foot circular window, next to it, adds an inviting touch to the room. A large Bedford stone fireplace on the inside wall enhances the charm and warmth which characterizes the entire home.

A stone planter marks off the living room from the entry hall. Both the bedroom floors and the living-room floor are hardwood, while the kitchen, recreation and laundry room flooring is speckled linoleum type of floor covering, with white dots on gray.

The built-in oven is just another of the many modern electrical appliances in the Rigsby's new home. It is also heated with electric cable and is completely air-conditioned.



## Washington Report

by William S. Roberts

### (From Page Two)

in the program's history, and any delay in Congressional authorization of funds for next year would seriously impair rural electric service.

Becker's unusual and drastic proposal begs the question of whether or not increasing REA interest rates was his real objective or intent. Suffice it to say, Becker is upset with the rural electric cooperatives.

### Hells Canyon

Imminent Senate action on the bill to authorize a Federal high Hells Canyon dam will be close, win or lose. But a big boost for the Federal project came from an unexpected source last month.

Granting of a \$329-million subsidy to Idaho Power Company, for two small dams foreclosing the Federal project, by the Office of Defense Mobilization outraged even some original opponents of the Federal dam which would cost \$308.5-million.

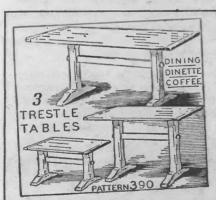
### Advantages of High Dam

Rural electric leaders have long supported the Federal high dam, because it will produce over twice the electricity at a third the cost per kilowatt-hour, compared with the Idaho Power under-development. They have also been critical of ODM's subsidy grants to power companies. Other farm leaders have also supported the Federal dam because it will open new sources of low-cost fer-

What particularly outrages supporters of the Federal project are the assurances that were given by Idaho Power Company that its small, private projects would be built "without expense to the United States," when seeking the license.

In granting the license, the Federal Power Commission repeated the now discredited claim that the power company dams would be built "at no cost to the United States."

Most shocking to rural electrifica-



Probably the earliest example do-it-yourself is a rrestie table in the American Wing of the Metropolitan Museum. In the early years of our history a man built his own house and also his furniture. Trestle tables were popular although they were not easy to make with the few hand tools then in use. The construction is actually quite simple with the use of power tools. Their good lines and utility make them favorites with home craftsmen. Complete directions for the three sizes which we have found to be the most popular for today's homes are on pattern 390. The price is only 25c. Patterns are mailed the day order is received. Enclose 2c for first class or 5c for air mail, and save several days in getting started on these interesting projects.

> WORKSHOP PATTERN SERVICE Illinois Rural News Bedford Hills, New York

tion leaders was the bland admission by Gordon Gray, ODM administrator, that the Idaho Power Company tax writeoff was considered virtually

Gray has testified he considered it "equitable" treatment to grant the tax writeoff certificate because Idaho Power filed for it in 1953, and some 900 other power company applications for fast tax writeoffs were granted under the rules in effect at that time.

He admitted that ODM did not relate the writeoffs to defense requirements on the basis of any surveys. The entire justification for corporation rapid tax writeoffs is supposed to be the need for reserves to meet possible defense needs.

Only a few votes are needed to reverse the Senate action of last year rejecting the Federal development on the Snake River. At that time the proposal lost 51-41. The chances of the Federal dam are rated stronger than ever, thanks to the tax writeoff outrage.

Now Frigidaire sells all

its Sheer Look colors at

no extra costl Ask your

Mayfair Pink, Sherwood

Green, Stratford Yellow,

even dramatic new

Frigidaire dealer.

Charcoal Gray.

## State Assoc. Board Opposes Cut In Vocational Education Funds

The board of directors of the State Association at its meeting in Springfield, May 16, opposed the cut in state funds for vocational education proposed in Governor William Stratton's budget for the next biennium-1957-59-and urged the state legislature to restore the funds to the 1955-

The budget request calls for \$1,-426,622 compared to \$4,700,000 for vocational education during 1955-57.

In a resolution the board said: . . . "It is apparent that such reduction will seriously impair the carrying on of vocational education and supervision of farm and home projects and the training of persons engaged in electrical work in rural areas for REA cooperatives and for persons residing on farms and in small urban communities in agricultural areas.

"And (the reduction) will necessarily curtail dual-trained teachers engaged in the teaching of vocational subjects, and prevent badly needed training through vocational education in all fields of skilled and technical employments.

"And the reduction necessarily will result in an even further shortage of skilled and technically trained persons available to perform essential services in shops, farm and home projects, and in business and industry throughout the state of Illinois ..."

Copies of the resolution were sent to Governor Stratton, State Senators Victor McBroom, Paul W. Broyles, Vernon Hill, superintendent of public instruction, and J. E. Hill, director, state board of vocational educa-

In other action, the State Association board approved setting a registration fee of \$1 for the Association annual meeting, September 5 and 6, to help defray expenses.

The board authorized Becker to purchase a trophy to award the 1957 state FFA electrical project winner. The presentation will be made at the Association annual meeting.

Manager Becker informed the board that Miss Jane Perry of Springfield, was employed to replace Mrs. Mary Davis as office secretary.

for a Big 10.1 Cu. Ft.

Food Freezer-Refrigerator with Automatic Defrosting in refrigerator section

New Sheer Look makes

every kitchen look New!

Developed and introduced by Frigidaire, the Sheer Look silhouette fits in, slips in between counters and cabinets - gives kitchens that "built-in" look without costly remodeling or

- Real zero zone FOOD FREEZER
- . AUTOMATIC DEFROSTING in
- refrigerator section
- . PORCELAIN ENAMEL FINISHED HYDRATOR - full-width
- Super STORAGE DOOR with 5 removable shelves
- . BUTTER COMPARTMENT
- . QUICKUBE ICE TRAYS
- New SAFETY-SEAL DOOR
- Left or Right Hinged Door

Most Popular 2-in-1 Frigidaire **Combination Ever Sold!** 

Even at its regular 1957 price this familysize combination is a fabulous buy - priced far under any other Frigidaire Food Freezer-Refrigerator ever sold!

And right now-you can save far, far more.

It's a regular model all the way through same big features and conveniences as before -plus truly Accomatic Defrosting in the refrigerator section that requires no clocks, no buttons, no drip pans to empty.

You'll be surprised at all the features this big combination offers. But for the biggest surprise of all, look for its new low price tag!

Model FS-101-57

Now going on-the Greatest Values in all Frigidaire his-

tory. Lowest prices ever for

big capacity refrigerators -

all 1957 Sheer Look styled

GOLD TAG PRICES

models -

Look for the

America's "Handiest" Refrigerators • Frigidaire — Built and Backed by General Motors

# LOUR CO-OP WEWSCOLUM

### News from M.J.M. Electric Co-op

Carlinville A. C. Barnes, Manager

TELEPHONE NUMBERS FOR OUTAGE CALLS
Office Hours—8:00 a.m to 5:00 p.m. except Saturday and Sunday. holidays. Carlinville 136.
Aerio Balestri, Hillsboro KE 2-3357 Claude McAfee, Brighton 40.
Charles W. Witt. 803 Sumner St., Jerseyville 296-W.
B W. Bandy, 830 School St., Hillsboro KE 2-5247.
Delman Miller. Nichols St., Carlinville 669-Y.
Howard Bloomfield. Carlinville 152.

669-Y
Howard Bloomfield, Carlinville 153-L.
Lloyd Green, Jerseyville, 339-W.
James Hopper, Carlinville 321-X.
Raitph Sides, Carlinville 687-X.
Presvon E Barkley, Carlinville 482-Y.
ineman does not answer and for any other business aside from trouble. call A
C Barnes, Carlinville 718
EEP THIS LIST NEAR YOUR TELEPHONE CHECK with your neighbors to see if their lights are out before calling.
Then report the line outage
COOPERATION INSURES COOPERATION INSURES BETTER SERVICE

A recent study made by the Rural Electrification Administration shows the growing need for more power on today's farms throughout the nation, due to the increased usage. Thus, the administra-



A. C. Barnes

cut costs.

atives to take care of this demand. The farmers, through their cooperatives, have about completed the bringing in of power and are now putting it to work in ever increasing amount to compensate for labor shortages, to

permit greater pro-

tion has had to in-

crease its available

loan funds for cooper-

As of March 31, REA had approved loan applications totaling \$255 million. Most of the cooperative borrowers built the greater part of their distribution systems during the 1949-51 period. These systems have exhausted their capability and are now stepping up reconstruction of their system to stay ahead of the continuous expanding demand for power. In 1956, the requirements on all REA systems increased 15 per cent compared to an industry increase of about 10 per

duction and greater efficiency, and to

### LONG RANGE STUDY

In line with this increase we are giving attention to long range system and financial planning. Our load trend amounts to a 10 per cent increase per year. Our future plans are being made for six to 15 years. The total demand on our system is now 6300 kilowatts and we have estimated that by 1963 the approximate demand will be 6930 kilowatts and that in 10 years, or by 1967, it will have doubled to 12,600 kilowatts.

To date our study has been completed for the area east of Litchfield, including the Taylor Springs substation area, to and including the Fillmore substation area. The average farm in this area used approximately 500 kilowatt-hours during the month of February. Consequently, we are formulating plans to increase the capacity of this territory as our study indicates. Similar studies are now being made for the Staunton, Bunker Hill, Carlinville and Jerseyville areas and plans for the future will be made in accordance with indications shown by these studies.

In order to have sufficient power available we must increase the number and size of our substations, increase conductor size and make available more three-phase power where warranted.

Loan funds are made available through the Rural Electrification Administration on a long term basis and at a low interest to finance the expenditures of providing the increased capacity necessary as the system grows. This gives the cooperative a sound financial structure. The use of these funds is made in accordance with the system study which discloses where such funds will be needed at present, or in the future as additional capacity warrants.

News from

## Illinois Valley Electric Co-op

Princeton F. I. Ruble, Manager

Your Cooperative Office Address is 430 S Main Street. Princeton, Telephone 3-1331 Office hours—8:00 a.m to 5:00 p.m. Monday through Friday. closed all day Saturday. Princeton Area: Floyd Christiansen, Maintenance Foreman. Telephone Princeton 3-3291 Lesie Noe, Telephone Princeton 3-2501: Leonard Sifford, Phone 3-3753, Princeton Milford Jontz, Line Supt., Telephone Princeton Open Princeton Princeton Princeton Milford Jontz, Line Supt., Telephone Princeton 9-2072.

TO REPORT OUTAGES AT ALL TIMES

IN—
Galva Area—Lester Register, Maintenance,
Telephone Galva 504-J: Stanley Ballard.
Telephone Galva 438-J
Ottawa Area: Jack Lewis, Maintenance,
Telephone Ottawa 2987-R-3. Farrel Brooks,
Phys. 24"3-L. Ottawa

NOTE: Members in Galva and Ottawa areas please try to report trouble to your main-enance man before calling Princeton.

We are really getting into summer weather and know there will be several months of continual hot weather. Air conditioning is a practical way to enjoy these hot days. The first cost is not



F. I. Ruble

isfying benefits it provides help make up for any expense. There are many air conditioners in use on your Illinois Valley Electric Cooperative lines and they are giving maximum benefits to their users. Why don't you investigate the possibilities of enjoying the next

excessive and the sat-

months in comfort. Make sure the wiring of your premises is adequate to carry the installation.

HOME FREEZERS

The time is not too far off when you'll be reaping the benefits of that vegetable garden you're working on now. What could be better than fresh, homegrown vegetables- plump green beans, fresh corn, and juicy, ruby-red beets? And can you imagine serving them late in December and with the same gardenfresh flavor? You can, you know. It can be June in January in your home too by having an electric home freezer,

Aside from better taste and appearance, there's another big reason why you should invest in a freezer. Quick freezing preserves the valuable vitamins and minerals lost in other methods of food preservation.

Many appliance, hardware and implement dealers are having special prices on home freezers this month. Why not investigate what they have to offer, either as a trade-in if your freezer is too small, or on an outright new pur-

WATER SYSTEMS

The month of May was designated as water system month. Many of our members did give serious thought to improving the running water situation on their premises. Several complete systems were installed and many more are in the process of being put in.

Water is a most important commodity. It makes up something like 80 to 90 per cent of all living tissue and enters into almost every activity of daily life in one way or another. It is one thing that warrants more study and attention. Sometimes we get too much of it and sometimes not enough. And there is always the problem of getting water in the right place at the right time.

Each of us has a different set of conditions and water requirements. But most of us use automatic, electric pumps as the final answer to the water problem. This is fortunate in that it encourages mass production of a wide variety of electric pumps and warrants invention and production to fit every need.

WHY COOPERATION?

You have heard the expression "As American as a log-rolling", well cooperation is as old as mankind. It is as American as the old fashioned log rollings when all the neighbors pitched in to help a young fellow build a log cabin for his bride, or when the entire community got together to build a little church or school. Cooperatives are as old as America, and as American as ham and

Rural electric cooperatives were set-up for exactly the same idea that folks used to hold log rollings. Rural electric cooperatives were organized to bring electric power to farms, rural homes , country schools and rural businesses. No one expected to make a profit out of the log rollings. Well nobody makes a profit out of a rural electric cooperative either. But, both the log rolling and the cooperatives help folks save a lot of money or get something they could not otherwise get done by themselves.

The Illinois Valley Electric Cooperative is owned by the individual members that it serves. It is operated on a nonprofit basis to provide rural families, schools, and businesses with all the electricity they want, at the lowest possible cost. Today working shoulder to shoulder with members of nearly 1000 other rural electric cooperatives throughout the nation they serve a total of over 14 million rural people.

These rural electric cooperative members got together on this electric log rolling because there was no other way to get the job done and they are proud to say that their efforts have met with

> News from **ADAMS** Electrical Co-op

Camp Point Dean Searls, Manager

TELEPHONE NUMBERS TO USE
IN CASE OF OUTAGES
Office hours: 8 a.m. to 5 p.m., Monday
through Friday. Telephone, Camp Point.
LYndhurst 3-7701.
After hours call, Camp Point, LYndhurst
3-7125 or LYndhurst 3-6389. If no answer,
telephone answering service at Clayton.
TWilight 4-6202

Fans of Homer and Jethro will be hapby to hear that these two Tennessee hillbillies have been contracted for our annual meeting on July 26. These WLS stars last headlined our entertainment



Dean Searls

at our 1954 annual meeting and folks are still talking about that show. Whether you like hillbilly music, western folk songs, or popular tunes vou'll hear them all by Homer and Jethro, and you'll never forget how they sounded. Friday, July 26 is the day.

FARM SIGN PROGRAM

At a recent meeting, the Board of Directors of your cooperative decided to go ahead with the All-Electric Farm sign program. Members, who qualify, can get this beautiful sign free simply by filling out the application blanks which appeared in the May issue of Adams Outlet. Identify and dress-up the entrance to your farmstead with an All-Electric Farm sign. Your name will appear at the top of the sign in reflective scotchlite so that it will be clearly visible by day

Complacency is the cause for concern among electric cooperatives, stated REA Administrator David Hamil in a recent

Hamil said that he was concerned about electric cooperatives because of what he saw in his own family. "My son, Denny, now 18, does not know what it is to farm without electricity. He thinks that grain was always stored by means of an electrically-powered elevator. He knows nothing of scooping grain by hand. All he cares about is that electricity is there. Who provides it does not concern him.

"And my son," Hamil continued, "is only one of the thousands of rural youths who have grown up taking electricity for granted. This means that cooperatives cannot draw strength from the new generation with talk of the past, how farmers had to work to get power, and what a fine organization a cooperative is. The cooperative will survive in the new era only because it gears its operations to provide rural consumers with a maximum of service at competitively low cost."

It behooves every rural electric co-on member to know and understand his cooperative. Your Adams Electrical Cooperative needs and desires your loyalty. News from SHELBY

Electric Co-op Shelbyville

W. L. Walker, Manager

Office Hours—8:00 to 5:00 Monday through Friday Telephone 1540. To report outages after 5:00. Saturday, Sunday and holidays call—Shelbyville 1227, 1038, 891, 1393, 589 Assumption 1291, 1016. Stonington 2831 Pana 4333 Mode 513.

June in this area is the time to harvest hay crops. True, many farmers have put green hay in silos as grass silage while many others have tried to cut and field cure their hay. Field cured hay



goes, but you lose some of the valuable part of the hay which you are so anxious to

is good as far as it

Did you know that hay which is cured in the barn by forced air is far better than that cured in the field? It has been proven

that 88 per cent of barn cured hay will be number 1 and

number 2 U.S. grades, while only 12 per cent will rate number 3 and number 4 grades. Field cured hay will average 35 per cent number 1 and 2 grades while 65 per cent will be numbers 3 and 4. Why not try the barn cured method? Let electricity help cure your hay and take the worry of weather conditions out of your harvesting plans.

If you lost your first cutting of hay by having it rained on too many times before it was baled or stored, perhaps we can still help you. An electric fan can save the rest of your crop. Hay saved through mow drying is like money in the bank, it pays dividends.

### LINE IMPROVEMENTS

Just as May and June are busy months on the farm, so are they for your cooperative. Many county, township and state roads are being improved and widened. This means many lines of the cooperative must be moved back and relocated. This is a time consuming and expensive task. But improvements must be mad on our highways just as your cooperative continues to improve its service lines so that you, a member, will be assured of adequate electricity when and where you want it.

The primary lines and transformers which served you so well when the kilowatt-hour usage was small must be continually improved to care for your new and added loads of electrical equipment.

This will help to explain the need for the appliance and equipment survey cards which you received in April of this year. The management wants to take this opportunity to thank each member for his prompt returning of these survey cards

### NEW ALL-ELECTRIC HOMES

Again, this month we are 'appy to report that there are three more new homes being completed. All of these homes will have electric heat and air conditioning. As a service to the members of Shelby Electric Cooperative we welcome you to bring your plans for new home construction to the office. We are glad to help you with your electric wiring plans. In fact, we offer you several services on the farm and in the home which are free to you as members. Ask us for help and advice.

### LETTER OF APPRECIATION

Last month we received a very nice letter from a co-op member. We quote:

Thanks for the pleasant association during the many years we have used electricity from Shelby Electric Cooperative. We are moving into Nokomis and are going to take it easy.

"Anytime Lee Banning, the maintenance man, wants to shoot rabbits for Thanksgiving dinner he knows where the

"Thank you again for splendid service and cooperation. R. J. Wattjes".

### News from CORN BELT Electric Co-op

Bloomington T. H. Hafer, Manager

In the near future, members who have used service prior to 1955, will receive a card showing their capital credits with the co-op. This means percentage of the member's electric bills which have been used as capital invest-



ment by the co-op. In each electric payment made a certain percentage has to be used to pay back the REA loan or to build additional lines. This is capital investment rather than an operating expense. The by-laws provide that we notify the members of this amount so that each one of

T. H. Hafei you will know how much of the co-op property you own.

These cards will be mailed out as they are processed by the office, therefore, some members will receive them ahead

### WATER HEATER RATE

Members who install an automatic hot water heater with an insulated tank capacity of 30 gallons or more, with dual heating elements, should notify the co-op office so that we may inspect it and give you the special rate if the installation qualifies. This rate will lower your bill approximately 50 cents per month. SURVEY CARD

You will receive a card for the purpose of surveying the number of electric equipment and appliances you are using. We are thinking of giving a prize to a member whose name is drawn from the cards that are returned promptly. Watch for this card-mark it and return it promptly.

Your cooperation will be much appreciated by the people in your co-op who are trying to keep your electric service adequate. You may have already re-ceived the card—we hope you sent it back promptly. If you still have the card, please send it in as it will help us.

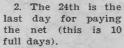
## News from CLAY Electric Co-op

Flora Elmo A. Cates, Manager

TELEPHONE NUMBERS
Office—(8 a.m. to 12 noon, 1 p.m. to 5 p.m.),
No. 2-6126. Iomes—(Night, or Weekends)
E. A. Cates, Flora No. 2-5390.
James Erwin, Flora No. 2-8100.

Here are some things to remember about self-billing. It is working fine but a small number of our members are forgetting part of the dates.

Here they are: 1. The meter is read and the bill is due on the 15th.



3. Pay the gross amount on or after the 25th.

4. Payment must be received by the end of the month.

5. The first of the following month is disconnect date.

If you haven't haid by this date it means you have used someone else's electricity for a month and a half without paying for it. This is asking quite a lot of your neighbors, don't you think?

Elmo Cates

We are certainly pleased with the large number of electric water heaters and ranges that have been installed this year. Here are two things to remember:

1. Your cooperative will pay \$10 to the person installing either an electric water heater or an electric range.

2. This cooperative has a special rate for the use of an electric water heater of approved size. Ask at the office or write in about it.

### HOME FREEZER SPECIAL

If you have not already purchased your new home freezer or combination freezer and refrigerator, please hurry, as the free electric coupons are available only with purchases made in June. These purchases must be made from dealers who accepted the program as set up by 12 co-ops in southern and western Illinois. (Some manufacturers would not accept the program, so their dealers were not eligible).

### NEW APPLIANCE USERS

Water heaters: Wm. McGrew, Ira Anderson, Delbert Goodman, J. A. Porter, John Bible, F. J. Anderson, Henderson Jones and Vida Richars.

Electric ranges: Emmett Anderson, Henderson Jones, Herman Lewis and U. R. Walker.

### News from WAYNE-WHITE Electric Co-op

**Fairfield** Owen J. Chaney, Manager

In case of trouble before \$:00 a.m. and after 5 p.m. call the following—
For White County Call Norman Davis, Carmi, Phone 4-2295 or J. R. Lane 2-757. For Norris City aren call Chalon Carter Phone 123 or Everett Phillips, Phone 38-J, Norris City.
For Edward County call Welden Galiher, Phone 151-M or Bill Bennett. Phone 217-WX, Albion.
For McLeansboro area call Alfred Venters, Phone 209 JX McLeansboro.
For west part of Wayne County call Wm. Fleming, Phone 3131, Wayne City, or Dee Vaughan, Phone 2643.
For eastern Wayne County call Cloyd Musgrave 6276; Charles Mann, 9774; George Harper, 3184; all of Fairfield, Carl Merritt, Phone 6798.

During April and May, Roy Morris, our power use adviser, assisted with a 4-H electric program in Hamilton, Wayne, Edwards and White counties.

These classes, under the leadership of



the farm advisers in each county, were held once a week for five weeks and the boys and girls were taught some of the fundamentals of electricity and how it can be used safely on the farm.

Those who completed the course from the various counties were as follows: Hamilton County - Gary Clark, Joyce Weaver,

O. J. Chaney Weaver, Donald Warren, Lois John Ritchason, Karen Wilson, Pauline Unfried, Pat Eaton, Sharon Eaton, David Stover, Robert Clark, Gary Shaffer, Donna Hamilton, Larry Unfried, Bill Edwards, Evalena Unfried, Gary Whipple and Mike Ladley.

Joe Ladley, power use adviser from Southeastern Illinois Electric Cooperative, at Eldorado, helped with the Hamilton County Project.

White County: Steve Vandenbark, Charles D. Spence, Norman Trousdale, Kenny Woolsey, Billy Hall, David Browning, Keith Gross, Danny Bates, Michael Vandenbark, Charles Roser, James Browning, Wendell Stahl, Buddy Chamb-less, Harold McCormick, David Robinson, Bernard Pfister, Joe Hall, Charles Hart, Allen Ray Harvey, Willard Midkiff, Louis Edward Acord, Charles Pfister, David Jelks, Ronald Pollard and Billy Ward.

Wayne County-Allen Wilson, Carl R. Campbell, Bill Leach, Michael Simpson, Charles Simpson, Joe Kearns, Phillip Cross and Fred Trusty.

Edwards County-Steven Mann, Jim Hawkins, Leo Woods, Ronnie Perkins, Terry Shepherd, Donald Collins, Ronald Mann, Elvis Woods and Charles Shupe.

These boys and girls, many of them future co-op members, are to be congratulated for completing this course in electric training and we especially want to thank their parents for making it possible for them to attend.

### NEED COOPERATION

It took the cooperation of every one concerned to build our rural electric cooperative system. This same cooperation is essential if we are to continue to operate successfully. There are a few things that members are asked to do besides pay their monthly electric bills. One of them is to read the meter promptly. Very little time and effort is required to do this and it does expedite our work and accounting procedure. A prompt correct reading means a correct bill. A late reading, or incorrect reading, or no reading at all, means an irregular bill. If we receive no reading, we send you a minimum bill of \$1.55. When your reading comes in the next mont's, we send you a bill for a two-month period, less the amount paid. This does not cost you any more but it does complicate our accounting. Besides, a double bill does not always fit into the budget.

We know this is dull reading but an occasional reminder is sometimes necessary. Thanks to all of you who are prompt. To those of you who neglect this part of your cooperative job, please help us out.

### ANNUAL MEETING

It seems a little early to start talking about the annual meeting of members but time flies and August 23, will soon come around.

The annual meeting caravan will be here again and you will have the opportunity to mix business with pleasure. Plan to attend.

### News from EASTERN ILL. Power Co-op

Paxton

T. M. Brady, Manager

TELEPHONE NUMBERS FOR OUTAGE CALLS
Office—8 a.m. to 5 p.m except Saturday. Report all outage calls during office hours to 185 Paxton. After office hours, call the following nearest number.
Tony Barbieur, Paxton 595
Cyril Anderson, Paxton 418L.
Arthur J King, Paxton 271-J-X
Donald Sharp, Paxton 740
Jesse Fiets, Gilman 159
Evan Petersen, Gilman 235W
Don Allison, Hoopeston 462
Dennis Rhodes, Hoopeston 1244
Lawrence Tieman, Cropsey 20
George Popioy, Cropsey 56
Virgil Farris, Watseka 1227
Howard Gustafson, Watseka 614
In case of an outage, check to see if your neighbors have service. If not call collect 185 Paxton. If your call is not accepted you will know that the report of the outage has already been received and that it is being trken care of.

Dear member: We are sorry to inform you that Kenneth Slater, our system engineer, passed away April 15, after a six-month illness. Slater started to work with our cooperative in June, 1938, and was known and loved



1. M. Brady

1 member or a friend at any time and will be missed a great deal by his fellow workers. members and friends. Kenneth was born and raised in Cropsey. He attended Marquette University at Milwaukee, and Pur-

by a large number of

you members. He was

never too busy to help

due University at Lafayette, Ind., where he studied electrical engineering.

He is survived by his wife, Viola, a daughter, Patricia, his mother, Mrs. H. C. Slater, Cropsey, and a sister, Mrs. W. R. Nuttall of Standish, Mich. Services were held in Paxton and the burial was in Cropsey, Cemetery.
WATER HEATERS

Modern water heaters operate on the principle of giant thermal jugs. If you have particularly hard water it is best to buy a stainless metal or glass lined tank. The heaters operate automatically by use of thermostats and require almost no attention or maintenance.

For ordinary household use, 160 to 170 degrees is normally as hot as you will want to set the thermostats. For a family of two a 30-gallon size is the recommended minimum. For four or more get a 50-gallon tank or larger. If you plan on later getting an automatic dish washer and an automatic laundry machine add about 10 gallons per person to the size of water heater needed for best results.

Standard hot water heaters need an individual electrical circuit from the entrance panel box and are wired to use 230-volt current. You can expect the average water heater to heat from 12 to 15 gallons per hour through a 100 degree temperature rise. For example, a 50gallon tank will heat from 50 to 150 degrees in approximately four hours.
SELECT LOCATION

are probably several places your house where your water heater can be placed. Select the one that will allow the shortest pipes from the heater to the faucets where hot water will be used most frequently. Each time that you use hot water, the pipes from your heater to the faucet will be heated and left full of hot water. The pipes and the water in them will cool before more hot water is used. This wasted heat is wasted electricity. If the hot water pipes are short this loss will be reduced.

A complete electric storage heater consists of an inner tank which contains the heating elements and the water, and a round or square outer casing. The space between is filled with insulation. Some heaters have one heating element and one thermostat. Others have two heating elements and two thermostats. The latter are more popular on farms.

You can expect your electric water heater to use about 250 kilowatt hours a month. However, consumption will vary considerably on the amount of hot water

COOPERATION IS OLD

Cooperation is as old as mankind. It's as American as the old-fashioned logrollings when all the neighbors pitched in to help a young fellow build a log cabin for his bride, or when the whole community got together to build a little church or school. Cooperatives are as old as America, and as American as ham and eggs.

Rural electric cooperatives were set up on exactly the same idea that folks used to hold log-rollings. They were organized to bring electric power to rural farms, homes, schools and businesses. Nobody made a profit, or makes one out of a cooperative. But both the log-rollings and the cooperatives help folks save a lot of money or get something done they couldn't get at all otherwise by them-

Our rural electric cooperative is owned by the very consumers it serves. It is operated on a non-profit basis to provide rural families, schools and businesses with all the electricity they want-at the lowest possible cost. Today, working shoulder to shoulder with nearly 1000 other rural electric cooperatives throughout the nation, we serve a total of over 14 million rural people.

We got together on this electric log-rolling because there was no other way to get the job done. And we are proud to say we have been successful.

News from

## SOUTHWESTERN Electric Co-op

Greenville

TELEPHONE NUMBERS

Bond County-Office. Greenville Tel 1025 Office Hours: 8:00 a.m to 5:00 p.m except Saturday, Sunday or Holidays Betor or after office hours call: Paul G Morgan Greenville 796; Jack Compton, 984. Fayette County—W E Jones, St Elmc 326 Madison County—Ed Barnes, Edwardsville 1087.

You members who live in Bond County and some of the areas immediately adjoining will have a new method of reading your meter beginning with your August 20th bill. The cooperative has devised a system of billing by which you will be billed in multiples of 10 kilo-watt-hours instead of being billed for each kilowatt-hour.

To accomplish this, you will be asked to always read the last dial of your meter as zero. By the last dial, we mean the dial farthest to the right.

It is believed this new method will make reading your meter and paying your bill much easier. It will also help us here in the office in checking your bill and posting to your account. Your new meter book will also arry your new account number.

GIVES LOCATION

Your new account number will be a seven digit number which will tell us here in the office, or any of our men in the field, what your exact location is.

When you receive your new meter reading book, it will include a sheet on which Willie Wiredhand will be displaying your new account number on a banner. Please note your new account number so that you may help us by giving it whenever it is necessary for you to call or write us. Please refer to the May issue of the cooperative newsletter (The Southwestern). There is a picture on page four showing what your new meter reading sheet will look like. Those curious notches will enable us to do tedious sorting very quickly and inexpensively. By using what appears to be a long ice pick we will be able to very quickly sort all of the meter reading sheets by account number and then by rate classifi-

You members in Fayette County got your new account number last year. You will get your new meter read in August of 1958. You members in Madison County will receive your new meter book, your new account number and, of course, will start on the new system of reading the last dial of your meter as zero beginning in August of 1958. Fayette County members will also begin this new system beginning in August of 1958.

FREEZER PROMOTION

The cooperative is working with your electric appliance dealers in promoting your purchase of home freezers. You have received or will soon receive a mailing piece which will contain two coupons. One coupon is good for a free light bulb if you will take it to the dealer indicated.

The other coupon has a cash value, if you decide to purchase one of the home freezer specials.

If you purchase one of the specials you will obtain \$18 worth of free electricity from the cooperative and a big handy freezer packaging kit worth approximately \$10. Watch for the mailing piece or for the display in your dealer's window, or read your copy of The Southwestern for May, page nine.

Illinois-Rural Electric News



## CHARCOAL BROILERS - Easy Solution to Outdoor Cooking

What a memorable event a picnic always is!
Whether you tote a box lunch to the park,
or set up a buffet supper in your own back yard,
you look forward to the pleasant pastime of good
food and good company in a favorite outdoor setting.

Wherever the location you choose for your picnic, there is nearly always the problem of either cooking some foods or keeping some dishes warm until all of the crowd gathers.

This problem is not a hard one to solve today as there are small, easy to assemble charcoal broilers and large, four-wheel grills equipped with spits and other gadgets that can be obtained in hardware and department stores.

Most of the outdoor broilers on the market today are collapsible and are made so convenient that they require very little time to put them to use wherever you wish.

One of the most inexpensive and simplest types of grills is that which can be folded into a box less than one-inch thick and 12 to 16 inches square. It has a V-shape trough with a grill on top and is ideal for the small family picnic.

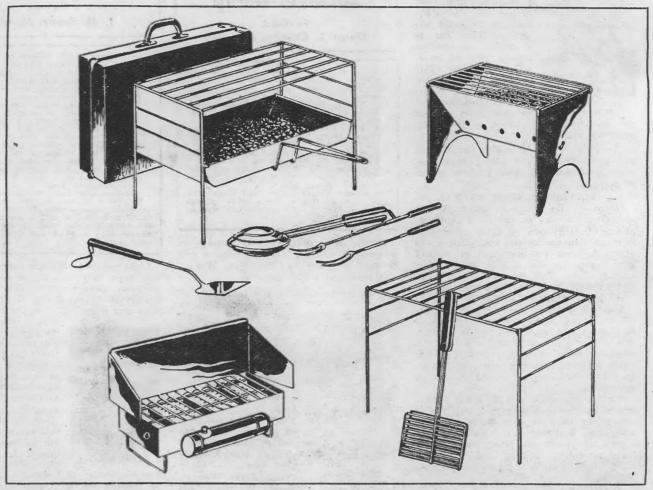
It can be assembled and put into operation with very little effort and does not create a fire hazard. With charcoal as the fuel, it provides practical and economical method of grilling hamburgers, hot dogs, steaks and even roasting marshmallows.

Many other types of grills are available also and consist of a large folding wire frame which can be placed over an outdoor fire; Dutch-oven broilers which are quite popular and can be used to cook or re-heat most any foods; reflector ovens where the food is cooked away from the actual fire; and the large, four-wheel grills which can be used to barbecue roasts and whole chickens.

Sturdily constructed, these outdoor grills can be purchased from a few dollars on up, depending on your individual wants and needs. Charcoal briquets or hickory charcoal pellets should be used as fuel and both are very inexpensive.

Other utensils which are a necessity on your picnic are the forks, spatulas, and wire broilers. These replace the old-fashioned methods of whittling sharp points on sticks to pierce the wiener and marshmallow for roasting over the hot coals.

A new gadget being sold today is a hot dog fork which permits the wiener to be held in grooves formed by curves in the wire which eliminates puncturing the hot dog and keeps it from falling in the fire.



There are also collapsible two-prong or threeprong forks which you can use for hot dogs, marshmallows and many other items that you will be grilling. Then there are large and small wire grills which are made for hamburgers and steaks. Pans and spatulas are available to cook meat and almost anything else that you may want to take on a picnic.



ONE OF the latest and most up-to-date grills out is the grill that uses aluminum foil. It will broil a fine steak richly dark on the outside, tender and juicy pink on the inside. It will roast corn or keep the scalloped potato casserole hot and all without the effort of building a fire with kindling wood and waiting for it to burn down to just the right heat.

The secret of the new grill is the aluminum foil heat reflector positioned right under the briquet fire. It lets you cook quickly and efficiently with a minimum of fuel. The foil reflector also catches ashes and drippings from food so you can use it on any surface without danger. Not even a wooden picnic table can scorch since 98 per cent of the heat is reflected up to the food.

The charcoal briquets come with the grill in a clean, sealed package so that you can even store them on your food shelves without danger of charcoal dust

To get a really good fire in a matter of minutes, just open the grill and shake the briquets onto the bottom grid. Sprinkle the briquets with the special quick-charcoal-starter that comes in the package and touch it with a match. It will flame for a minute or two, then the briquets will burn with a steady even heat.

For broiling a steak, concentrate the heat by placing the briquets close together. This will give you the high heat necessary for quick broiling. For corn, the briquets can be spaced further apart to give less intense heat. And for a casserole that only needs to be kept hot, the heat from only one or two briquets is needed. The top grid folds over the fire to hold the food. Surprisingly commodious, this aluminum foil grill can really do a lot of cooking. It will hold a dozen or more frankfurters or hamburgers and rolls at a time.

## New Patterns for Handiwork Fans

A person's crochet work is as individual as one's signature. Just as no two signatures are alike, no two samples of needlework made by different crocheters are identical. Though you and your neighbor may be making the same item with the same materials, differences may be seen in the joinings, the finishings, the twist of a stitch. Because a little of your personality is included in everything you crochet, your crochet makes cherished gifts.

Here are some more patterns for you to select from. Just check the patterns you wish on the Pattern Order Coupon below and send with your order a STAMPED and SELF-ADDRESSED envelope for every THREE patterns you order.

1. OCTOPUS DOLLS—The wonders of toyland ever increase for the small fry, and the latest play toy to enter this "wonderful girl and boy land" is the octopus. This versatile toy, whose face can be changed at the slightest whim, is as much fun to make as it is to play with. The body is made of heavy rug yarn, simply wound, and braided. Facial trimming can be worked out to suit the fancy of the maker using odd scraps of felt, a few flowers from an old hat, some discarded earrings, feathers, jewels, etc.

2. LUNCHEON MATS—These cheerfully-colored place mats in heavy-textured rug yarn are just what the hostess ordered for pleasant dining. First, the yarn is crocheted into a mesh design and the pattern is then completed by working a weaving stitch through the spaces. Strands of fringe are knotted together across the short ends of each mat.

3. COLLAR AND CUFF SET—A tatted edging on crisp collar and cuffs is like the delicate freshness of spring. Anyone can create lacy loveliness with a tatting shuttle. It's a fascinating hobby that will pay off in many lovely accessories. The new leaflet "How To Do Tatting" includes the step-by-step instructions for making the stitches, how to wind the shuttle, how to use a ball thread with a shuttle, and the directions for making the collar and cuff set.

4. TRAY MAT—If you play the hostess role frequently in your home, you will want to have a pretty mat for your serving tray. This fresh white tray mat of crocheted motifs is characteristic of gracious entertaining.

5. BUNTING AND CAP SET—A delightful baby bunting set—to keep the youngster cozy and warm when the chill winds start blowing this Fall. The separate hood has a little frill around the bottom.

6. CROCHETED DRESS—A beautifully slim crocheted dress, designed for late afternoon or evening, will put you ahead in the summer fashion parade. This all-in-one design features a slim skirt and brief sleeves. It's crocheted of orlon with horizontal insertions of lacy motifs outlining the wide neckline and banding the skirt.

7. CROCHETED LOUNGING SLIPPERS—These crocheted lounging slippers are crocheted of pink cotton and trimmed with colored sea shells. Cork soles are used for the bottoms. Dainty straps fit across the instep and a heel strap holds the slippers comfortably in place.

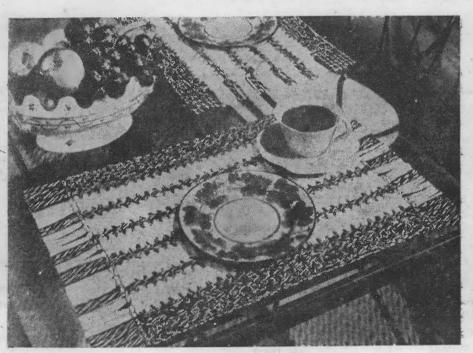
8. CROCHETED BABY SET — The musts" in a newborn baby's ward-robe are sweaters and sacques that are easy to put on and take off and will not interfere with free activity.



1. Octopus Dolls



5. Bunting and Cap Set



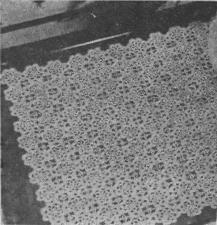
2. Luncheon Mats



6. Crecheted Dress



3. Collar and Cuff Set



4. Tray Mat



7. Crocheted Lounging Slippers

Pattorn	Order	C	0111	non

Judy Parker ILLINOIS RURAL ELECTRIC NEWS Box 1180 Springfield, Illinois

Please send me without charge the pattern leaflets which I have checked below. I am enclosing a STAMPED, SELF-ADDRESSED envelope for every THREE patterns requested. (If possible, the envelope which MUST accompany all pattern orders should be of the larger size.)

1 Octopus Dolls	5 Bunting and Cap Set
2Luncheon Mats	6 Crocheted Dress
3 Collar and Cuff Set	7 Crocheted Lounging Slippers
4 Tray Mat	8 Crocheted Baby Set
My name is	
Address	
Comment (if any)	
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This coupon EXPIRES July 15, 1957. Orders must be postmarked by that date.

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8. Crocheted Baby Set

June, 1957 Illinois Rural Elecrtic News



The kitchen area in this "ideal" kitchen is separated from the workroom by wall refrigerator and counter, backed by shelves and desk space. A passageway between refrigerator and range at far end permits access to other rooms. Freezer is in foreground at right; just beyond is laundry area. Folding doors close this area off when not in use.

The selves (shown below) on the double-duty door to the food-storage closet at the end of the workroom provide a handy place for canned goods.

### Want a modern, efficient kitchen?

# PLANNING IS THE 'SECRET'

Research in kitchen design recently performed by specialists of the U. S. Department of Agriculture, emphasizes conclusively that planning is the key to having a truly efficient kitchen. Modern, electric appliances are important, of course, but where you position them in your room is equally as essential to achieve a work-saving result.

An example of excellent planning is contained in the sample kitchen pictured on this page. While you might not be able to duplicate this "dream" arrangement devised by U.S.D.A. specialists, you should be able to adapt many of the basic ideas when you go to remodel. And sooner or later, about every homemaker does get around to modernizing her kitchen.

One of the first things you will note about the U.S.D.A. plan is the "broken U" arrangement. This rather unusual design provides added convenience and permits ready access to other parts of the house. A wall refrigerator, with counter, backed by shelves and desk space, forms an island in the center of the square kitchen area.

Storage units, refrigerator, and oven are located at easy-to-reach heights of 27 to 63 inches from the floor, found to be most convenient and energy conserving for most women.

Walking is reduced by placing a mix counter, sink, range, oven, and refrigerator as close together as feasible and providing storage space at each work center for needed supplies and utensils.

At work centers where the most time-consuming jobs are done, the homemaker sits comfortably at an adjustable office-type stool, which can be pushed out of the way when not in use. A shallow-bowled sink with pipes placed out of knee reach, plus undercounter knee space at the mix center, add to sitting comfort.

Conveniently placed storage bins for flour and sugar and a revolving corner cabinet for other supplies and utensils contribute further to energy saving at the mix centers. Doors of the circular cabinet are attached to the shelves and revolve with them, so that no separate motion is required for opening.

The kitchen's dish-storage cabinet has an accordion-type door, which can be left open without

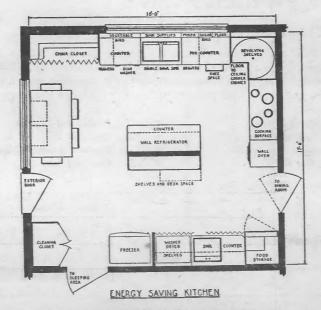
being in the way. All drawers and sliding shelves have metal glides, thus pull easily no matter how heavy the load. The food mixer, mounted on a platform equipped with ball-bearing rollers, moves easily from its storage space onto the counter for use.

Perforated wallboard, used at each work center for hanging most-used utensils within easy reach, helps give the kitchen the effort-saving efficiency of a well-planned one.

Uncrowded eating room is provided—in response to growing demands from homemakers—at a table seating up to six persons.

With dining space located near the dish-washing center and dish cabinet, setting the table and replacing dishes after washing takes only a few steps. A cart is used to transfer a meal from range to table and the soiled dishes from table to sink in one trip. Planning and laundry centers are near the kitchen, so that these tasks can be readily coordinated with food preparation.

More detailed information about these energysaving kitchens may be obtained by writing to Catherine Sullivan, Home Management Specialist, University of Illinois, Urbana.



This is the floor plan of the energy-saving kitchen. More detailed drawings and other information on this kitchen may be obtained from the University of Illinois.



The accordion-type door in this dish cabinet folds out of the way so that the entire cabinet is open for use. The cabinet is conveniently located for setting the table and for replacing the dishes after washing.



Cleaning up after meals takes less energy when the homemaker can sit comfortably at her sink, pick up the dishes stacked on a utility cart, rinse, and set them on dishwasher trays. Soaps and detergents are at back of sink.



# This farmer devised his own feed handling system 10 years ago



C. E. Dietz made his own feed handling system back in 1946, long before such setups were on the market. It cost him less than \$350.

save money with a LAND BANK SAFE—Principal is fully amortized over the period of the loan—no added expenses—no uncertainties. Federal Land Banks lend in good years and in bad. **SOUND**—Federal Land Bank loans are written for as long as 35 years . . . , insuring low rate of interest until loan is paid. SECURE—Full protection is provided to widows, heirs and assigns because loan never becomes due. FOR INFORMATION ON FEDERAL LAND BANK LOANS see or write your nearest NATIONAL FARM LOAN ASSOCIATION Petersburg Pittsfield Pontiac Princeton Quincy Robinson Illinois Associations: Findlay Lincoln
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C. E. Dietz of DeSoto in Jackson County worked out an electric feed grinding and mixing system back in 1946, years before such setups were considered marketable. The whole thing cost less than \$350 at the time. "I figured electricity was cheaper than a hired hand," he gives as reason for installing the feed handling outfit.

Dietz purchased a small electric grinder and installed it on the first floor of his barn. Above it, he suspended a hopper, with a small auger in its bottom. From the second floor of the barn, he shovels corn into this hopper, which in turn augers it into the grinder. Then, it is blown up into a mixer, and sacked.

The wooden hopper is suspended from a scale and will hold up to 800 pounds. This is Dietz' method of weighing his feed ration. The six inch auger in the bottom came out of an old stoker. Dietz added a reduction gear to slow it down.

Instead of having to crank up the tractor, belt it to the hammermill, throw in the corn, then mix it all by hand and cart it to the cows, Dietz just has to throw the corn in and feed the cows. There are two operations now instead of five.

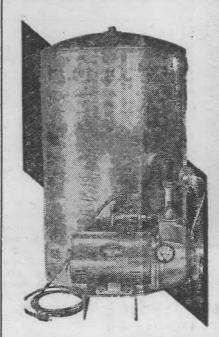
Dietz is a dairyman and has a herd of 20 milk cows. He grinds the feed only as it is needed, which is usually once a week. He says it takes an hour to grind the feed. When he used the tractor it took a half a day.

The dairyman's farm was connected to the lines of Egyptian Electric Cooperative of Steeleville in 1940. That's when he made plans to electrify his feed setup. "But, I had to wait until after the war. I couldn't get a grinder until then."

Though he started out by grinding shelled corn, Dietz is now grinding ear corn also. "All I had to do was weld a couple of inches more on the old auger. Of course it makes it slower, but it does the job without any work on my part, so I'm satisfied."

## FAIRBANKS-MORSE

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### FAIRBANKS-MORSE

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Hi Pen Pals!

Have you written that Pen Pal of yours lately? Better sit down and get that letter off today! Now that school is out, you will have lots of things to write about as far as vacation is concerned-what you are going to do, where you are going, etc.

Here is a page full of new Pen Pals for you to write to, so sharpen your pen-cils and get busy. Letters for publication should be addressed to Judy Parker, Jr. Rural Electric News, Box 1180, Springfield, Ill.

LIKES SCHOOL

I am a little girl seven years old. I go to Pin Hook School and I am in the third grade. I have blonde hair and blue eyes. I like to go to school very much and I like my teacher fine. I also like to play ball and all kinds of games. I also like to listen to the radio and would love to have some Pen Pals of all ages .-Reba Lindsay, R. R. 1, Herod, Ill.

LIKES TO SEW



T am nine years old and in the fourth grade. My birthday is February 7. My hobbies are sewing and cooking. I would ike to near from oys and girls of all ages. - Sarah Fay Cripps, R. R. 1, Carcondale. Ill.

4-H CLUB MEMBER

I am 11. My birthday is April 10. I have brown hair and hazel eyes. I belong to the Work-A-While 4-H Club. I go to Smithshire Grade School. I am in the sixth grade. I would like to hear from boys and girls between 11 and 13. I will answer all letters. I would like to have pictures if possible.—Shirley Wells, R. R. 2, Smithshire, Ill.

PLAYS BARITONE TUBA

I am 14 and my birthday is February 7. I have brown hair and hazel eyes. I am a Freshman at Tower Hill Community High. My hobbies are listening to popular and hillbilly music and also playing a baritone tuba in the school band. I live in the country. Would like to hear from boys and girls between the ages of 14 and 18.—Carol Wade, R. R. 1, Tower Hill, Ill.

LIKES TO ICE SKATE

I am 10 years old and my birthday is December 1. I have brown hair and blue eyes. I like to swim, roller skate and ice skate. I would like to hear from girls of all ages .- Donna Stroud, Buda,

APRIL BIRTHDAY

I am 12 years old. My birthday is April 17. My eyes are blue and hair is light brown. My hobbies are writing letters and sewing. I also like to cook. I would like to hear from boys and girls of all ages.—Jerry Wilborn, R. R. 1, Gilman, Ill.

APRIL BIRTHDAY



like to hear from boys and girls between six and 12.-Perry Johnson, R. R. 3, Xenia, Ill.

AUGUST BIRTHDAY

I am in the second grade and I am seven years old. My birthday is August 8. I have hazel eyes and I have brown hair. I like to ride my bike.—David Jean Hulcher, R. R. 1, Girard, Ill.

PLAYS BASEBALL

I am 16 years old. My birthday is August 16. I have dark brown hair and blue eyes and I weigh 115 pounds. I am five feet, five inches. I have three sisters and two brothers. My hobbies are playing baseball and watching TV. I also like to hear from boys and girls between 15 and 16.—Betty Joann McKinzey, 919 East Johnson Street, Clinton, Ill.

COLLECTS ROCKS AND SANDS

I am 11 years old and a sixth grader in Neoga Grade School. I weigh 731/2 pounds. I'm five feet tall. I have blonde hair and blue eyes. My hobbies are collecting rocks and sands and pictures of Queen Elizabeth. I would like to hear from boys and girls of all ages.-Kay Garrett, R. R. 1, Sigel, Ill.

LIKES SCHOOL



My birthday is September 9. I am nine years old. My hobbies are playing ball and going to school. I have blue eyes and brown hair. go to Lincoln. Do I have a twin? I would like to hear from boys and girls rom seven to 11 .-Patsy Sue Winchester, R. R. 1, Louis-ville, Ill.

LIKES HILLBILLY MUSIC

I am 15 and my birthday is June 7. I am five feet, four inches tall and weigh 120. I have blue eyes and brown hair. My hobbies are reading, watching TV and hearing hillbilly music. My favorite singer is Carl Smith. I have two sisters and two brothers. I would like to hear from boys and girls between 15 and 17. - Ruby Rochelle Hites. R. R. 1, Edgewood, Ill.

PLAYS BASKETBALL



I am 10 years old and my birthday is April 2. I have brown hair and black eyes and my hobbies are playing basketball, horseback riding and riding a bike. Would like to hear from boys and girls between 10 and 13 .--Morris Smith, R. R. 1, Wayne City, Ill.

PRESIDENT OF 4-H CLUB

I am 13 years old and my birthday is August 7. I am in the eighth grade at Harris High School. I am president of the Tick Ridge Warriors 4-H Club. My project is baby chicks. I have one little sister. I would like to hear from girls and boys from 13 on. I promise to answer all letters.-Margie Cox, R. R. 3, Petersburg, Ill.

RIDES BIKE

I am nine years old and my birthday is September 19. I have brown eyes and brown hair. My hobbies are dancing and listening to records, riding a bike and roller skating. I am in the fourth grade at the Main Street School. I am in 4-H and enjoy it very much. Would like to hear from boys and girls between seven and 10.-Karen Burris, R. R. 2, Shelbyville, Ill.

GOES TO LINCOLN SCHOOL

I have brown hair and light brown eyes. My birthday is April 25. I wear glasses. I weigh 89 pounds. I go to Lincoln School in Mt. Vernon. My hobbies are bicycle riding and listening to the radio. I have no brothers or sisters. I would like to hear from boys and girls of all ages.—Darlene Davey, 1305 North Eleventh Street, Mt. Vernon, Ill.

DO I HAVE A TWIN?

I am 10 years old. My birthday is June 1. I have blonde hair and blue eyes. Do I have a twin or a Pen Pal? My hobbies are weaving potholders, collecting pictures of movie stars and watching TV .-Patricia June Allender, R. R. 1, Bridgeport, Ill.

DECEMBER BIRTHDAY

I am nine years old. My birthday is December 6. I have red hair and blue eyes. My hobby is playing ball. I would like to hear from boys and girls from eight to 11.-Russell Dee Thomas, R. R. 1. Strasburg. Ill.

**CLEANS HOUSE** 

I'm nine years old. My birthday is May 22. I have brown eyes and brown hair. My hobbies are writing letters and cleaning house. I would like to hear from boys and girls between eight and 11. Pictures too. I will answer all letters .-Joanne Robbins, R. R. 4, Rushville, Ill.

LIKES POPULAR MUSIC



I am 16 years old and a junior in high school. I have light brown hair and blue eyes. I am five feet, four inches tall and my birthday is No-vember 15. I enjoy listening to hillbilly and popular music. Would like to hear from boys and girls around my age. -Marily Jane Goad, 802 West Lindell

Street, West Frankfort, Ill.

LIKES SOFTBALL

I am 16 years and my birthday is June 24. I have black hair, brown eyes. I'm five feet, seven. I go to Gilman Jr. High. I am in the 8th grade. I like softball, baseball, and hillbilly music. Would like to hear from boys and girls between 14 and 17.—Larry King, R. R. 1, Gilman, Ill.

LIKES JIGSAW PUZZLES

I am 11 and my birthday is August 7. My eyes are blue and my hair is brown. My hobbies are working jigsaw puzzles and collecting paper dolls. 1 would like to hear from boys and girls between 10 and 14.—Helen Mayberry, R. R. 2, Broughton, Ill.

MAY BIRTHDAY

I am 16 years old. I have brown hair and eyes. My birthday is May 21. My hobbies are watching TV, listening to the radio and cooking. Would like to hear from boys and girls of all ages.-Christine Sharp, Box 43, Elco, Ill.

FEBRUARY BIRTHDAY

I am 13 years old and my birthday is February 21. I have brown hair and brown eyes. My hobbies are listening to the radio, reading books, and riding my bicycle. I am in the seventh grade. I would like to hear from boys and girls between 11 and 13. — Mary Frances Koplenik, R. R. 2, La Salle, Ill.

LIKES HORSES

I am 16 year old and my birthday is August 10. I live on a farm. We have two horses, one cat and four dogs. I am five feet, two inches tall. My hobbies are riding horses and sewing. Would like to hear from boys and girls between 15 and 19.—Mary Bailey, R. R. 1, Carterville, Ill.

COLLECTS COINS



I am 14 years old and I am in the eighth grade. I am four feet, 10 inches tall and weigh 110 pounds. My birthday is December 11 and I go to Kansas Grade School. I would like to hear from boys and girls between the ages of 13 and 16 years of age. For hobbies collect coins and old time guns. -Isaac B. Honnald,

R. R. 1, Kansas, III.

PLAYS PIANO

I am 11 and my birthday is July 31. I have blue eyes and red hair. My hobbies are playing the piano and playing my record player. I would like to hear from boys and girls of all ages .-Jean Darrough, R. R. 1, Scheller, Ill.

PLAYS ACCORDION

I am 15 years old. My birthday is May 24. I weigh 107 pounds. I am five feet, one inch tall. My hobbies are playing my accordion and singing. I also roller skate. I would like to hear from girls and boys of all ages.-Betty Sue Ledbetter, R. R. 3, Elizabethtown, Ill.

COLLECTS PICTURES

I am 16 years old. I veigh 107 pounds. I am five feet, one inch tall. My birth-day is November 13. My hobby is collecting pictures and writing letters. Would like to hear from boys and girls of all ages.-Mary Mazella Edwards, R. R. 1. Sparks Hill, Ill.

RAISES SHEEP

I am 12 years old and my birthday is on July 12. I have blue eyes and brown hair. My hobbies are basketball, baseball, fishing and riding my bike. I am a 4-H member — my project is Cheviot sheep. I am in the seventh grade at the Holly Cross School at Wendelin. I would like to hear from boys and girls be-tween 12 and 15

years of age. - James Ray Kessler, Ingraham, Ill.

LIKES TO EMBROIDERY

I am 12 and my birthday is September 24. I have brown eyes and blonde hair. I am four feet, seven inches tall. I'm in the seventh grade. I have four sisters and two brothers. My hobbies are embroidering, swimming, baton twirling and skating. I 2150 enjoy writing to Pen Pals. I promise to answer every letter I receive from girls and boys of all ages.— Karen Lee, R. R. 1, Buckley, Ill.

LIKES ANIMALS

I am 12 years old and in the sixth grade. My eyes are hazel brown. My hair is brown. My hobbies are cooking and riding my bike. I like to play with animals. I would like to hear from boys and girls from 11 to 13.-Kris Redman, R. R. 2, Brocton, Ill.

READS A LOT

I have light brown hair and brown eyes. My birthday is May 16. I am in the fourth grade and I am 10 years old. My hobbies are writing, cooking and sewing. I read a ot too. I would like to hear from boys and girls of all ages.-Linda Kay Dryan, R. R. 4, Albion, Ill.

McLEANSBORO HIGH SCHOOL

I am 17 and my birthday is April '2. I am five feet, two inches and have brown hair and blue eyes. My favorite hobbies are doing fancy work, sewing and listening to popular music. I am a junior at McLeansboro High and I live on a 120 acre farm. I have two dogs, which are my favorite pets. Would like to hear from boys and girls between the ages of 16 to 21.—Frances Haas, R. R. 1, Dahlgren, Ill.

SOPHOMORE IN HIGH SCHOOL

I am 16 years old and my birthday is April 18. Do I have a twin? I am five feet, four and one-half inches tall and weigh 110 pounds. I have dark brown hair and eyes. My hobbies are writing to Pen Pals, listening to hillbilly music and popular music and reading. I also like to cook, sew, and ride horses. I would like to hear from boys and girls between the ages of 14 and 18. I will try to answer all letters. So come on boys and girls, fill my mailbox.-Judith Miller, R. R. 4, Albion, Ill.

FEBRUARY BIRTHDAY

I am 17 years old and a Junior at Wayne City High School. My birthday is February 8. I have brown hair and blue eyes. My favorite hobby is listening to the radio. - Phillis Sharp, R. R. 3, Xenia, Ill.

PLAYS DRUMS

I am 12 years old. I have brown hair and brown eyes. I am four feet, nine inches tall and weigh 80 pounds. I have a horse and a colt. I play the accordion and the drums. My hobbies are horseback riding and swimming. I go to La-Harpe Grade School. Would like to hear from boys and girls between 11 and 14. -Carol Sue Walker, Box 455, La Harpe,

OCTOBER BIRTHDAY

I am eight years old. My birthday is October 14. I have blue eyes and blonde hair. My hobby is swimming. I go to West Lawn School. I would like to hear from girls and boys between eight and nine.-Malinda Carlson, R. R. 2, Paxton,

HAS A PARAKEET



I am 11 years old and my birthday is April 22. I am in the sixth grade. I have a parakeet and I like to play with it. I like to go bike riding. I have dark brown hair and dark blue eyes. I would like to hear from boys and girls between 10 and 14 .-Sally Ann Tanner, Cambria, Ili.

ROLLER SKATES

I am 14 and my birthday is April 18. I weigh 105 pounds. My hobbies are dancing and roller skating. I have two sisters and two brothers. Would like to hear from boys and girls between 12 and 14. Will answer all letters.—Joyce Derringer, R. R. 1, Sparks Hill, Ill.

### **Business Opportunities**

BUSINESSES, RESTAURANTS, Grocery Stores, Hardware, Furniture and Appliance, Gift Shops and Roadside Markets. Let us know your needs. We may be of help to you. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois. Phone 951.

NEIGHBORHOOD GROCERY with living quarters situated in Robinson. Stock and fixtures \$1,500. Complete. A couple could handle this business nicely. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

CITY SANITARY pick-up service. This business includes truck, 270 hogs, garbage cooker, etc. business netted absent owner \$4,200 last year. Price complete \$14,975. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

HOME AND restaurant in small town. Price complete \$6,850. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

OWNER SELLING sixteen-unit luxurious Tucson motel plus home for approximately four times annual gross. W. Waltz, 297 Benson, Tucson, Arizona.

MINK FOR Early Delivery. Almost all types. Conditionally guaranteed. Complete literature and pen plans free. Lake Superior Mink Farm, Su-perior E. E., Wisconsin.

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EARN WHILE you learn auto and diesel mechanics. Master this top paying trade. Many graduates earn \$100 a week and up. Approved for Korean veterans. For free information write Dept No. 264. Nashville Auto-Diesel College. Nashville 3. Tennessee.

### Buyers

WANTED: 30,000 BDFT soft maple lumber 4/4 thick and 5/4 thick, green or air dried. Lawrence Gharst Lumber Company, Louisville, Illinois.

HIGHEST CASH for Old Gold, Broken Jeweiry, Gold Teeth. Watches, Diamonds, Silverware, Spectacles, Gold Coins. Free information. Rose Refiners. Heyworth Building, Chicago 2.

### Farm Machinery & Equipment

FEED MECHANICALLY with the Silo-Matic unloader and Scru-Feed'r. Unloads and feeds corn or grass silage, hard-packed or frozen. Low power requirement. No blower. Guaranteed. Van Duzen & Company, Inc., Wayzata, Minnesott

FOR FARMERS: Silo Unloaders and Auger Bunk Feeders. Feeds six to nine tons an hour. Hard packed or frozen silage no problem. Satisfaction guaranteed. Also plastic silo covers that prevent top spoiling. 14 foot silo size only \$9.45 prepaid. P & D Sales Company, Plainfield 15, Illinois.

ATOM FENCE controller will not short on green grass or brush. Need no insulators on wood post. Money refunded in 20 days if not satisfied. Operate from 110 volts. \$16.50 postpaid, C.O.D. \$17.10. Fisher Products Company, Dept. 1, No. 3, Owosso, Michigan.

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FARMS FOR sale ranging from seven acres in size to 440 acres. Whether you are looking for a grain or livestock farm, we may have what you are looking for. Prices range from \$35 to \$250 an acre. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois. Phone 951.

FARMS, SUMMER Resorts. Lakeshore properties and business opportunities. Write and see us. Douglas County Real Estate Company, 413 Broadway, Alexandria, Minnesota.

185 ACRE FARM. Two sets of improvements. Eighty acres of prairie, 105 acres of river bottom land. Full price \$10,500. Faye Elmer, Real Estate Broker, 604 Scuth Cross Street, Robinson, Illinois

160 ACRE FARM Northwest of Robinson. Six room house, barn, crib and tool shed. Farm has well and has good water supply. Land has been limed, phosphated and potashed. \$25,000. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

FORTY ACRE farm, partly wooded with creek going thru, good gravel road, nice shade. Fence and improvements in poor condition. Price \$2,975. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

FOR SALE: Modern home, 40 acres on highway. Two large modern poultry houses. Mrs. Jewell Williams, 602 West Chestnut, West Frankfort, Illinois.

215 ACRE LIVESTOCK Farm secluded location. 175 acres tillable, fair to good buildings, water and private ponds. Mail, school, milk routes, wonderful farm with possibilities. \$20,000 cash or small part financed. Arden Reed, Candor, New York

### Livestock

ONE REGISTERED Shorthorn bull, 18 months old. Registered Hampshire boars, bred gilts bred meat sire. Roy D. Hall, 1/4 mile East of Iuka, Illinois.

FOR SALE: Registered Angus cattle, cows and heifers, with calves. Walter Meyer, Tamalco,

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POLLED HEREFORD bulls one year. Hampshire boars and gilts, Hampshire and Cheviot rams eligible for registry. Seven miles North of Golden Gate, Illinois. William McDowell.

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FOR SALE: Registered Duroc breeding stock. Sixteen years of careful improvement. Three and one-half miles East of Intersection 37 and 161. Earl Purdue, Kell, Illinois.

### Miscellaneous

SEPTIC TANKS, Cesspools, outdoor toilets cleaned, deodorized. Amazing new powder saves digging, rumping, moving. Guaranteed. Circular free. Solvex, Monticello 7, Iowa.

SONGPOEMS AND Lyrics Wanted! Mail to: Tin Pan Alley, Inc. 1650 Broadway, New York 19, New York.

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\$200 MONTHLY POSSIBLE. Sewing Babywear! Easy; big demand! No house selling! Send stamped, addressed envelope. Cutic Cuties, Warsaw 159, Indiana.

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EARN \$50 FAST sewing our precut products. Information 3e. Thompson's, Loganville 60. Wisconsin.

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FOR SALE: Registered setter puppies, two months old. Henry Riggs, Bonnie, Illinois. Phone Mt. Vernon 3979-W4. Also Beagle puppies.

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BLUE PEA Fowls, one year old. \$25.00 per pair, Fred F. Bellatti, R. 1, Mt. Pulaski, Illinois.

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SWEET POTATO plants: Nancy Halls, Porto Ricans, Gold Standard, All Golds, 100—70c; 1,000—26.00. Postpaid. Edbert Noble, Enfield, Illinois.

IRIS: TEN varieties \$3.00, \$9.00 value, labeled, postpaid. Delivery begins July. Free price list on request. Mrs. Paul Knight, Route 3, Norris City, Illinois.

SWEET POTATTO Plants: Nancy Halls, Portoricans 500-\$1.50; 1,000-\$2.50; 5,000-\$11.25; 10,000-\$2.20.00. No delay. Guaranteed. Sunshine Plant Farms, Dresden, Tennessee.

SWEET POTATO Plants. Porto Ricans, Red Yams 500—\$1.25; 1,000—\$2.50; 5,000—\$11.25; 10,000—\$2.00 per thousand. Tomato, Sweet Pepper plants 100—\$1.50. Guy Capps, Sharon, Tennessee.



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Figure out the proposition you want to make, whether it is something you want to buy, Write the words in the spaces above. If you fill all the spaces that will be 20 words. Price 20 words (or less) is \$1.60 for each time you want your ad run.

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PEAFOWL. PHEASANTS, Guineas, Bantams, Geese, Ducks, Polish, Yokohomas, Hamburgs, Thirty Varieties Pigeons, bredding stock. Hatching eggs. John Hass, Bettendorf, Iowa.

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With 9HP Twin Cylinder Engine makes the big difference It's loafing where other saws are straining to keep up. Sizes 2 ft. to 7 ft. Big trade-in allowance. 1957 models in stock now. Also complete repair service.

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Deadline is 20th of month preceding pub

Deadline is a sural Electric News goes into 108,000 farm homes in Illinois each month—actually over 430,000 readers, representing one of the most prosperous farm markets in the

Advertisers are invited to use RURAL EX-CHANGE, the classified section of the Illinois Rural Electric News.

Payment must accompany your order. Make checks or money orders payable to Illinois Rural Electric News. Ad will be started in earliest possible issue.

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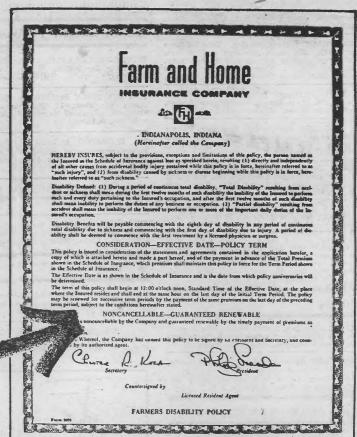
Mail ad and remittance to RURAL EXCHANGE, Illinois Rural Electric News, Box 1180. Springfield. Illinois.

June, 1957 Illinois Rural Electric News

## THE FARMERS' PLAN IS NON-CANCELLABLE

## YES, We said NON-CANCELLABLE!

Very often, with some health, accident, and hospitalization plans, the policy is cancelled after a single claim—or a waiver is added excluding that coverage. THAT CANNOT HAPPEN WITH THE FARMERS' PLAN, because, as you can see, these policies are NON-CANCELLABLE and GUARAN-TEED RENEWABLE!



## AND THAT'S NOT ALL:

If a claim for the same disability recurs after six months, full benefits are paid.
No waiting periods, except policy must be 6 months old for pre-existing benefits.
No house confinement ever required for illness or accident.
No physical examination when applying for policy.
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Rates can never be increased after policy is in effect. One rate for the family. No extra charge for additional children.
No policy or joining fees.
Special provisions for pre-existing conditions.
Plus the outstanding coverages listed below:

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- -Pays \$10,000 for accidental death anywhere.
- -Pays \$10,000 for loss of any two or combination of two members in ordinary accidents.
- -Pays \$5,000 for loss of one foot or one hand.
- -Pays \$3,333 for loss of sight of 1 eye.
- -Pays \$50-\$200 per month for loss of time due to accident, even for life.
- —Pays \$100-\$400 per month while confined in licensed hospital up to 3 months in any one case.
- —Pays half benefits even for partial disability caused by accident.

NOTE: These policies do not cover: any loss caused by war or while member of the Armed Services mannty, dental work, mental disorders, self-influcted injury, observation or diagnostic work not for treatment of specific disability or rest cures

disability continues after 90 days, for length of claim.

-All premiums waived if total

### SICKNESS

- -Pays \$50-\$200 per month for loss of work time due to illness (1 or 2 years, your choice).
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- -Pays 1 month first 2 years, 2 months next 3 years, full benefits after 5 years, for time-oss due to pre-existing condition, if such condition is noted on application, and applicant is not under Doctor's care t the time of application, and policy is in effect 6 months.

The above benefits are resumes of our policies numbered 5125, 5121-F.

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- -\$8 or \$12 per day on room-YOUR CHOICE!
- -Up to \$80 allowable for unallocated hospital expense.
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- -5 times daily room rate allowable for pre-existing condition, if such condition is noted on application, and applicant is not under doctor's care at the time, and policy is in effect 6 months.

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- -Liberal payment for scheduled operations, dislocations, and fractures. Pays according to schedule up to \$200, in or out of hospital.
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In the very near future, there will be a special announcement of interest to all present Farmers' Plan Policyholders. WATCH FOR IT!

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Pays for doctor's visits at home, office, or in hospital up to a maximum of \$150 per claim, on a per visit basis.

Five calls each year for preexisting conditions, if such condition is noted on application, and applicant is not under doctor's care at the time, and policy is in effect 6 months.

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-Pays \$500 for medical and hospital expense, and \$500 for orthopedic appliances . . . a total of \$1,000 for polio paid in addition to all other benefits!

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This handy thermometer is designed for use on the outside of your house. It is to be mounted on the window trame, and it may be turned so that you can read the temperature from the inside. If you are a tarmer, and over 18 years of age, simply clip and fill in the coupon, and mail it to us, and you will receive your thermometer ... FREE OF CHARGE.

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I am a farmer over 18 years of age, and I wish to receive information about The
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DETACH AND MAIL TO: Department IREN-18; THE FARMERS' PLAN; Farm & Home Insurance Co.; 2050 North Meridian Street; Indianapolis, Indiana.

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